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☐ 1: [AAM60891](#). Reports adenine phosphori...[gi:21536559] BLink, Domains, Links

LOCUS AAM60891 243 aa linear PLN 27-MAR-2003
DEFINITION adenine phosphoribosyltransferase 1, APRT [Arabidopsis thaliana].
ACCESSION AAM60891
VERSION AAM60891.1 GI:21536559
DBSOURCE accession [AY084300.1](#)
KEYWORDS .
SOURCE Arabidopsis thaliana (thale cress)
ORGANISM [Arabidopsis thaliana](#)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.
REFERENCE 1 (residues 1 to 243)
AUTHORS Haas,B.J., Volfovsky,N., Town,C.D., Troukhan,M., Alexandrov,N.,
Feldmann,K.A., Flavell,R.B., White,O. and Salzberg,S.L.
TITLE Full-length messenger RNA sequences greatly improve genome
annotation
JOURNAL Genome Biol. 3 (6), RESEARCH0029 (2002)
MEDLINE 22088475
PUBMED 12093376
REFERENCE 2 (residues 1 to 243)
AUTHORS Brover,V., Troukhan,M., Alexandrov,N., Lu,Y.-P., Flavell,R. and
Feldmann,K.
TITLE Full-Length cDNA from Arabidopsis thaliana
JOURNAL Unpublished
REFERENCE 3 (residues 1 to 243)
AUTHORS Brover,V., Troukhan,M., Alexandrov,N., Lu,Y.-P., Flavell,R. and
Feldmann,K.
TITLE Direct Submission
JOURNAL Submitted (11-MAR-2002) Ceres, Inc, 3007 Malibu Canyon Road,
Malibu, CA 90265, USA
COMMENT Method: conceptual translation.
FEATURES Location/Qualifiers
source 1..243
/organism="Arabidopsis thaliana"
/db_xref="taxon:3702"
/clone="102971"
Protein 1..243
/product="adenine phosphoribosyltransferase 1, APRT"
CDS 1..243
/coded_by="AY084300.1:122..853"
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61 matedvqdpriakiassirvipdfpkpgimfqdittllldteafkdtialfvdrykdkgi
121 svvagveargfifgppialaigakfvpmrkpkklpgkvis eesyleygt dtiemhvgave
181 pgeraiiddliatggtlaairllervgvkivecacvie lpelkgkeklgetslfvlvk
241 saa

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AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
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L1 4 APPSIRL/SQSP

=> d 1-4

L1 ANSWER 1 OF 4 REGISTRY COPYRIGHT 2004 ACS on STN
RN 482161-14-8 REGISTRY
CN GenBank AAM60891 (9CI) (CA INDEX NAME)
OTHER NAMES:
CN GenBank AAM60891 (Translated from: GenBank AY084300)
FS PROTEIN SEQUENCE
MF Unspecified
CI MAN
SR GenBank

RELATED SEQUENCES AVAILABLE WITH SEQLINK

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L1 ANSWER 2 OF 4 REGISTRY COPYRIGHT 2004 ACS on STN
RN 301728-30-3 REGISTRY
CN Protein (Arabidopsis thaliana clone Ceres_1597317) (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 1759: PN: EP1033405 SEQID: 30101 claimed sequence
FS PROTEIN SEQUENCE
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS
DT.CA CAplus document type: Patent
RL.P Roles from patents: BIOL (Biological study); OCCU (Occurrence); PRP
(Properties); USES (Uses)

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1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 3 OF 4 REGISTRY COPYRIGHT 2004 ACS on STN
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CN Protein (Arabidopsis thaliana clone Ceres_1597130) (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 1753: PN: EP1033405 SEQID: 30086 claimed sequence
FS PROTEIN SEQUENCE
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS
DT.CA CAplus document type: Patent
RL.P Roles from patents: BIOL (Biological study); OCCU (Occurrence); PRP
(Properties); USES (Uses)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
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1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 4 OF 4 REGISTRY COPYRIGHT 2004 ACS on STN
RN 301719-33-5 REGISTRY
CN Protein (Arabidopsis thaliana clone Ceres_2137623) (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 198: PN: EP1033405 SEQID: 60198 claimed protein
CN 2091: PN: EP1033405 SEQID: 12116 claimed protein
CN Protein (Arabidopsis thaliana clone Ceres_1376114)
FS PROTEIN SEQUENCE
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS
DT.CA CAplus document type: Patent
RL.P Roles from patents: BIOL (Biological study); OCCU (Occurrence); PRP

(Properties); USES (Uses)

RELATED SEQUENCES AVAILABLE WITH SEQLINK

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=> s l1

L2 3 L1

=> d 1-3

L2 ANSWER 1 OF 3 CA COPYRIGHT 2004 ACS on STN

AN 133:318297 CA

TI Sequence-determined DNA fragments and corresponding encoded polypeptides from corn and Arabidopsis

IN Alexandrov, Nickolai; Brover, Vyacheslav; Chen, Xianfeng; Subramanian, Gopalakrishnan; Troukhan, Maxim E.; Zheng, Liansheng; Dumas, J.

PA Ceres Inc., USA

SO Eur. Pat. Appl., 339 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 16

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1033405	A2	20000906	EP 2000-301439	20000225
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	CA 2300692	AA	20000825	CA 2000-2300692	20000225
	CA 2302828	AA	20001006	CA 2000-2302828	20000406
	EP 1055728	A2	20001129	EP 2000-303770	20000504
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PRAI	US 1999-121825P	P	19990225		
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US 1999-137724P	P	19990607
US 1999-138094P	P	19990608

L2 ANSWER 2 OF 3 CA COPYRIGHT 2004 ACS on STN

AN 133:318291 CA

TI Sequence-determined DNA fragments and corresponding encoded polypeptides from corn and Arabidopsis

IN Alexandrov, Nickolai; Brover, Vyacheslav; Chen, Xianfeng; Subramanian, Gopalakrishnan; Troukhan, Maxim E.; Zheng, Liansheng; Dumas, J.

PA Ceres Inc., USA

SO Eur. Pat. Appl., 339 pp.

CODEN: EPXXDW

DT Patent

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PI	EP 1033405	A2	20000906	EP 2000-301439	20000225
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	CA 2300692	AA	20000825	CA 2000-2300692	20000225
	CA 2302828	AA	20001006	CA 2000-2302828	20000406
	EP 1055728	A2	20001129	EP 2000-303770	20000504
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	EP 1054060	A2	20001122	EP 2000-304161	20000517
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PRAI	US 1999-121825P	P 19990225
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	US 1999-138094P	P 19990608

L2 ANSWER 3 OF 3 CA COPYRIGHT 2004 ACS on STN
 AN 133:318289 CA
 TI Sequence-determined DNA fragments and corresponding encoded polypeptides
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 IN Alexandrov, Nickolai; Brover, Vyacheslav; Chen, Xianfeng; Subramanian,
 Gopalakrishnan; Troukhan, Maxim E.; Zheng, Liansheng; Dumas, J.
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PI	EP 1033405	A2	20000906	EP 2000-301439	20000225

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
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CA 2300692	AA	20000825	CA 2000-2300692	20000225
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EP 1055728	A2	20001129	EP 2000-303770	20000504

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IE, SI, LT, LV, FI, RO

EP 1054060	A2	20001122	EP 2000-304161	20000517
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IE, SI, LT, LV, FI, RO

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FULL ESTIMATED COST

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